BUREAU CHANGE INCORPORATED
CHANGE OF 8-10-58 (LETTER 9212)

LTR	ALTERATION	DATE	BY
W	TRACED		
X	ADDED PBY-5 NOTE		
Y	[illegible]		
Z	[illegible]		
AA	[illegible]		
AB	ADDED MATL. & TO BOM		
AC	[illegible]		
AD	ADDED -65 & -66, ADDED [illegible]		
AE	-3 MATERIAL WAS COND A ALLY [illegible]		
AF	ADDED TO -67-7 [illegible]		
AG	FLANGES 1 [illegible] WAS 1 [illegible]		
AH	-8-9 & -18, E-530, COND A, HT		
AJ	[illegible] WAS 24-57 COND T, HT		
AK	-47 REPLACED -10 FOR PBY-5		
	E.O. 16879 NEW WT. CHG.		

E.O. 18904
E.O. 17588
E.O. 20089
E.O. 11522
E.O. 27621
E.O. A-457
E.O. A-457
E.O. 16803

DETAIL OF -18 & -19 OPP.
1 × 3/4 × .070 AL. ALLOY ANGLE
ALCOA DIE # 12188
SPEC. 46A9 COND. T

DETAIL OF -28

DRILL #18 (.169)

PRICK PUNCH

3/32 ALL R.

DETAIL -15
.091 AL. ALLOY SHEET
SPEC. 47A10 COND. T (ALLOY 24-T)

DRILL #18 (.169)

PRICK PUNCH
2 PLACES

(-13) .051 AL. ALLOY SHEET
SPEC. 47A10 COND. A
ALLOY 24-30
H.T. SR-53

(-14) 5/8 × 5/8 × 1/16 AL. ALLOY ANGLE
ALCOA DIE # K-13624
SPEC. 46A9 COND. T

THESE PARTS TO BE
RIVETED TOGETHER
AT FINAL ASSEM.

DETAIL -13 & -14

DRILL #18 (.169)

(-8) .051 AL. ALLOY SHEET
SPEC. 47A10 COND. A
ALLOY 24-30
H.T.-SR-53

(-9) 5/8 × 5/8 × 1/16 AL. ALLOY ANGLE
ALCOA DIE # E13624
SPEC. 46A9 COND. T

PRICK PUNCH

THESE PARTS TO BE
RIVETED TOGETHER
AT FINAL ASSEM.

3/32 ALL R.

DETAIL OF -8 & -9

DRILL #18 (.169)

(-16) .064 AL. ALLOY SHEET
SPEC. 47A10 COND. A
(ALLOY 2430)
H.T. SR-53

JOGGLE AS SHOWN
ABOVE

DETAIL -16

TRIM OUTSTANDING FLANGES AT 45°

(-24) 3/4 × 3/4 × .040 AL. ALLOY ANGLE 8 LG. 2437
ALCOA DIE K-6240 SPEC. 46A9 COND. T
ON -42 ASSEM.

(-26) ON -2 ASSEM.

(-23) 3/4 × 3/4 × .040 AL. ALLOY ANGLE 5 1/2 LG (2437)
ALCOA DIE K-6240 SPEC. 46A9 COND. T

(-25) 3/4 × 3/4 × .035 AL. ALLOY ZEE 3 3/4 LG. 2437
ALCOA DIE K-1886 SPEC. 46A9 COND. T
ON -2 ASSEM.

(-27) 3/4 × 3/4 × .035 AL. ALLOY ZEE 5 1/2 LG. 2437
ALCOA DIE K-1886 SPEC. 46A9 COND. T
ON -42 ASSEM.

10 ON -2 ASSEM.
7 13/16 ON -42 ASSEM.

12 3/8 ON -2 ASSEM.
12 ON -42 ASSEM.

8 ON -2 ASSEM.
8 3/8 ON -42 ASSEM.

1 17/32 DIA HOLE
#18 (.169) HOLES
JIG DRILL OR
PUNCH HOLES

(-4) (-46) 1/4 × 3 1/2 × 1 1/2 PLATE
ALC. 2024
47A8 COND. T

(-20) (-28)

(-5)

AN442D4

(-20) .064 AL. ALLOY SHEET
SPEC. 47A10 COND. T
(ALLOY 24-T)

(-4) 1 1/4 × 3/4 × 3/32 AL. ALLOY ANGLE
ALCOA DIE # 734 FF
SPEC. 46A9 COND. T
(ALLOY 24-T)

(-5) OPP.

(-22) .064 AL. ALLOY SHEET
SPEC. 47A10 COND. A
(ALLOY 2430)

(-3) .040 AL. ALLOY SHEET
SPEC. 47A10 COND. T
(ALLOY 2437)

BEND FLANGE OF CHANNEL AS SHOWN
IN SECTION A-A THIS DISTANCE

AN442D4

YG 2037 1 1/2 ANGLE

DRILL 3/16

LOCATION ON -2 ASSEM.

LOCATION ON -42 ASSEM.

AN442-D4 (4)

AN515-08-8
AC365-0832

SECTION A-A

DETAIL -2 & -42 CHANNEL ASSEMS.
SCALE = 6" = 1'-0"

1/16 BEND & RELIEF RADII

DETAIL -47
IDENTICAL TO -10
EXCEPT AS SHOWN.

FINISH CODE
Z = ANODIZE
P = P.2 T PRIMER
GP = GREEN PRIMER
DBK = DULL BLACK ENAMEL

.064 AL. ALLOY SHEET
SPEC. 47A10 COND. A
(ALLOY 2430)
H.T. SR-53

DETAIL OF -6 & -7 OPP.
SCALE 12" = 1'-0"

DRILL #18 (.169)

.040 AL. ALLOY SHEET
SPEC. 47A10 COND. A
(ALLOY 2460)
H.T. SR-53

1/16 ALL R.

DETAIL OF -10 & -21
SCALE = 12" = 1'-0"

(-21) IS SIMILAR TO -10
EXCEPT FOR THIS CORNER CUT
OFF AS SHOWN BY DOTTED
LINE.

DRILL #18 (.169)

(-11) (-12) .040 AL. ALLOY SHEET
SPEC. 47A10 COND. A
(ALLOY 24-30)
H.T. SR53

1/16 ALL R.

DETAIL OF -11 & -12 OPP.
SCALE = 12" = 1'-0"

FINISH — Z-P-2 GP
-6, -7, -8, -9, -13, -14, -16, -18, -19
— Z-P-2 DBK. FOR -2 ASSEM & -42 ASSEM
SEE RELEASES

PBY-5	ABP 4337	
PBY-5B	SEE B.M.	
PBY-5A	SEE B.M.	
PBY-6	[illegible]	
PBY-6A	[illegible]	
PBY-7	[illegible]	
PBY-7A	[illegible]	
PBY-7B	[illegible]	

ASSEMS.	-2	-42	-4
AN515-08-8	4	4	4
AN515-08-8	4	4	4
-4			1
-46	1		
-45	1		
-23	1		
-24	1		
-26	1		
-25	1		
-27	1		
-22	1	1	
-3	1		
-20	1		
-28	1		
-5	1		
-47	1		
-42		1	
-21	1		
-10	1		
-18	1		
-16	1		
-11	1		
-12	1		
-9	1		
-8	1		
-7	1		
-6	1		
-14	1		
-13	1		
-19	1		
-2		1	
-4			1
-3	1		

DESIGNED BY		MODEL	NEXT ASSY.	REQ	ST'D PARTS	LH	RH
						PART NO.	
REQUIREMENTS PER AIRPLANE				DATE	PARTS LIST PER ASSY		
A.C.	NOTED	NOTED					
MATERIAL		SPEC	HEAT TREAT		FINISH		

CONSOLIDATED VULTEE AIRCRAFT CORP. SAN DIEGO, CALIF.

NAME: BRACKETS - FURNS.
PILOTS INSTRUMENT PANEL

SIZE D
DWG. NO. 28P3098

H 305